

Program EVALPLOT
(Version 2021-1)

by

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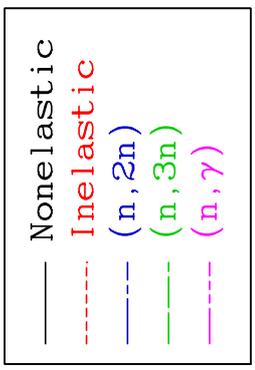
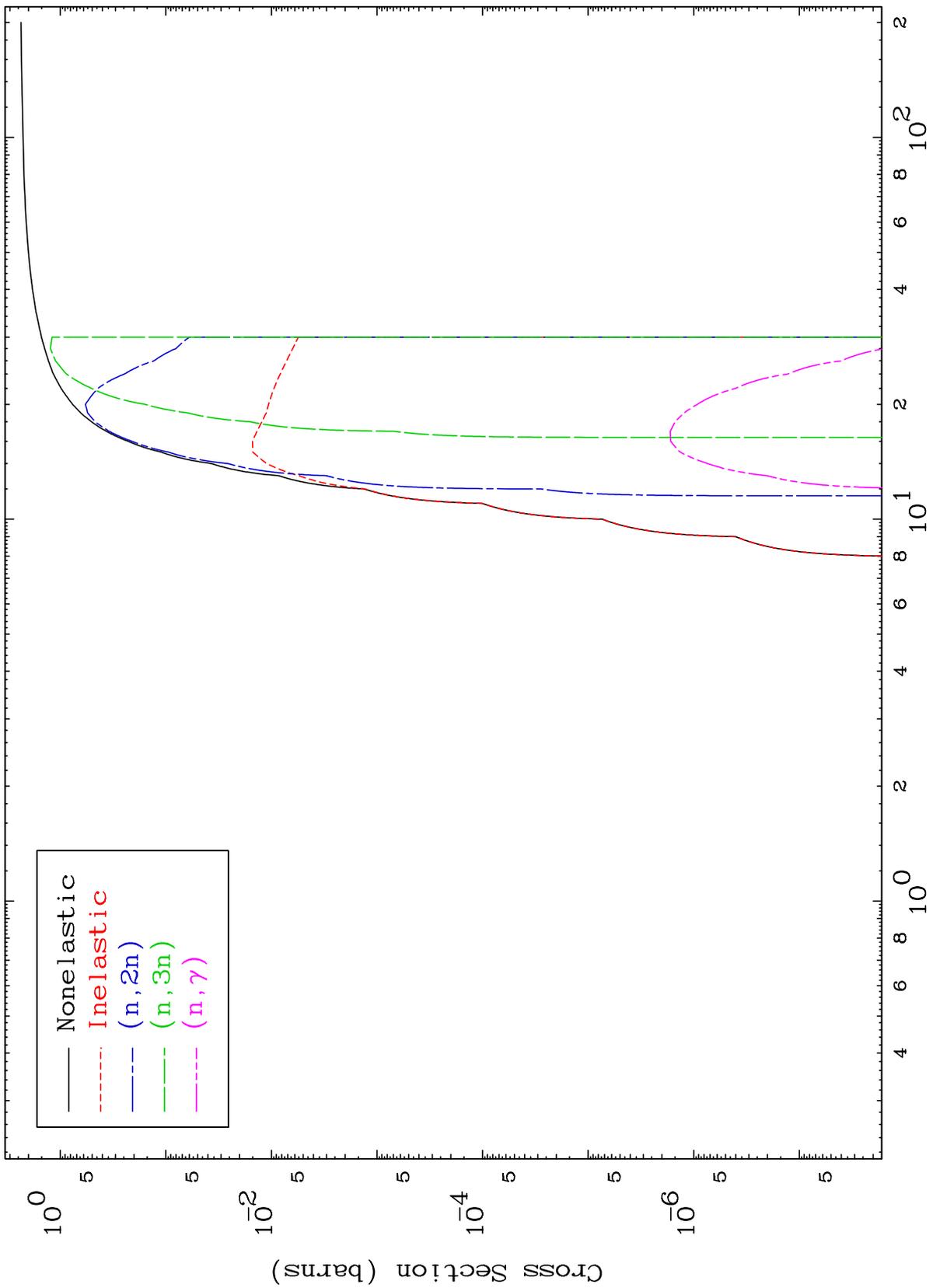
Press Mouse Button to Start

MAT 5464

α Major

54-Xe-137

0 Kelvin Cross Sections



54-Xe-137

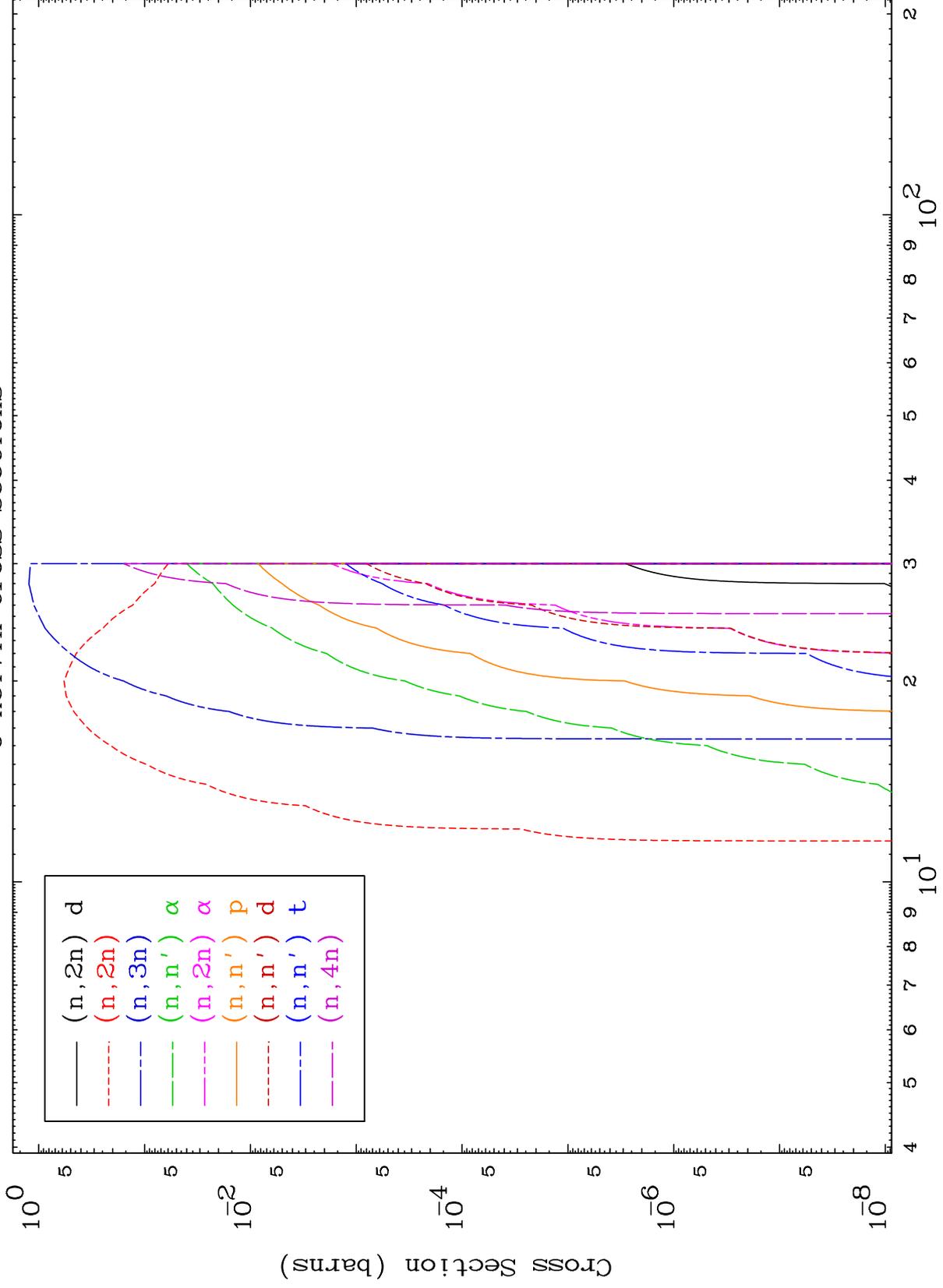
Incident Energy (MeV)

1

MAT 5464

α Neutron Absorption
0 Kelvin Cross Sections

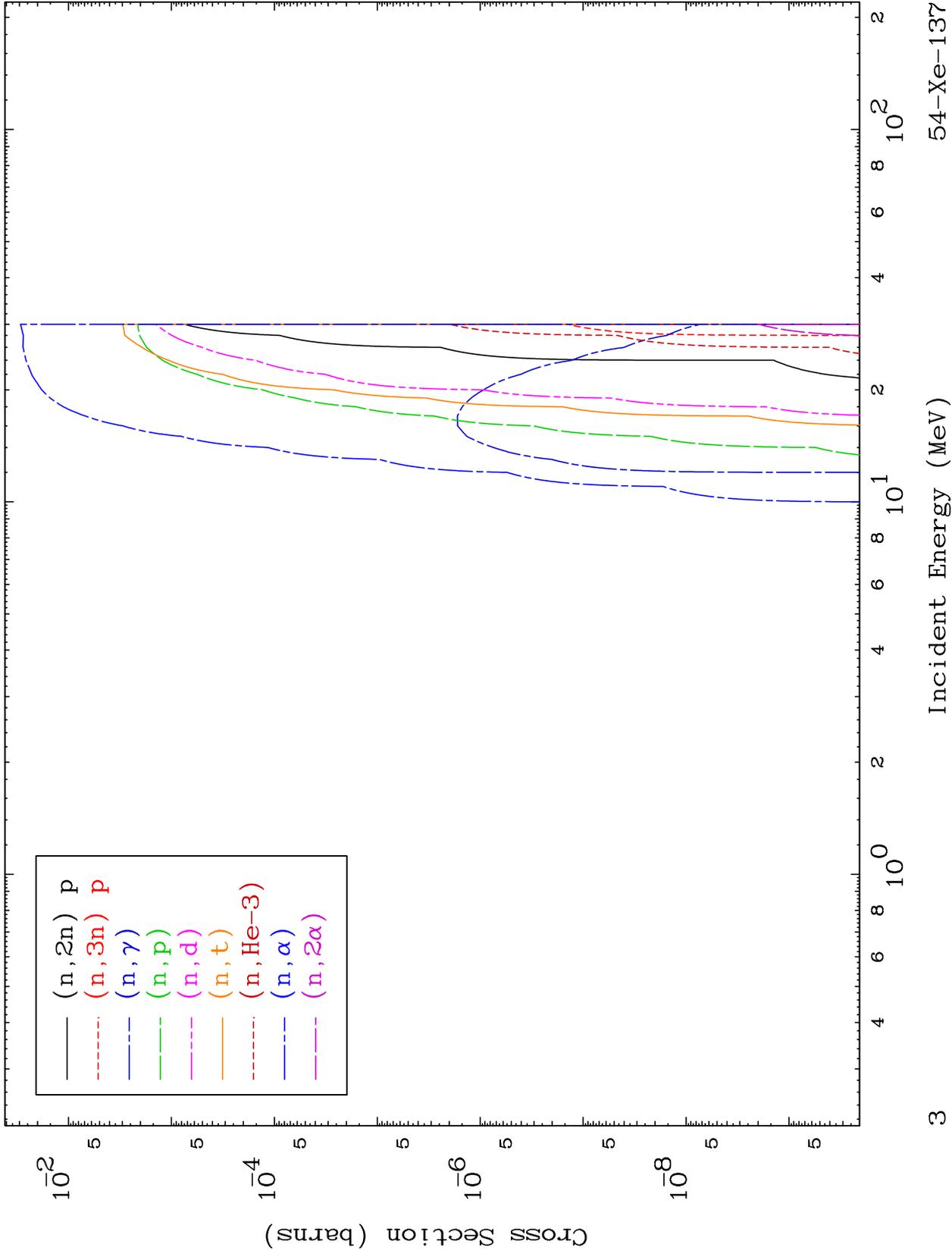
54-Xe-137

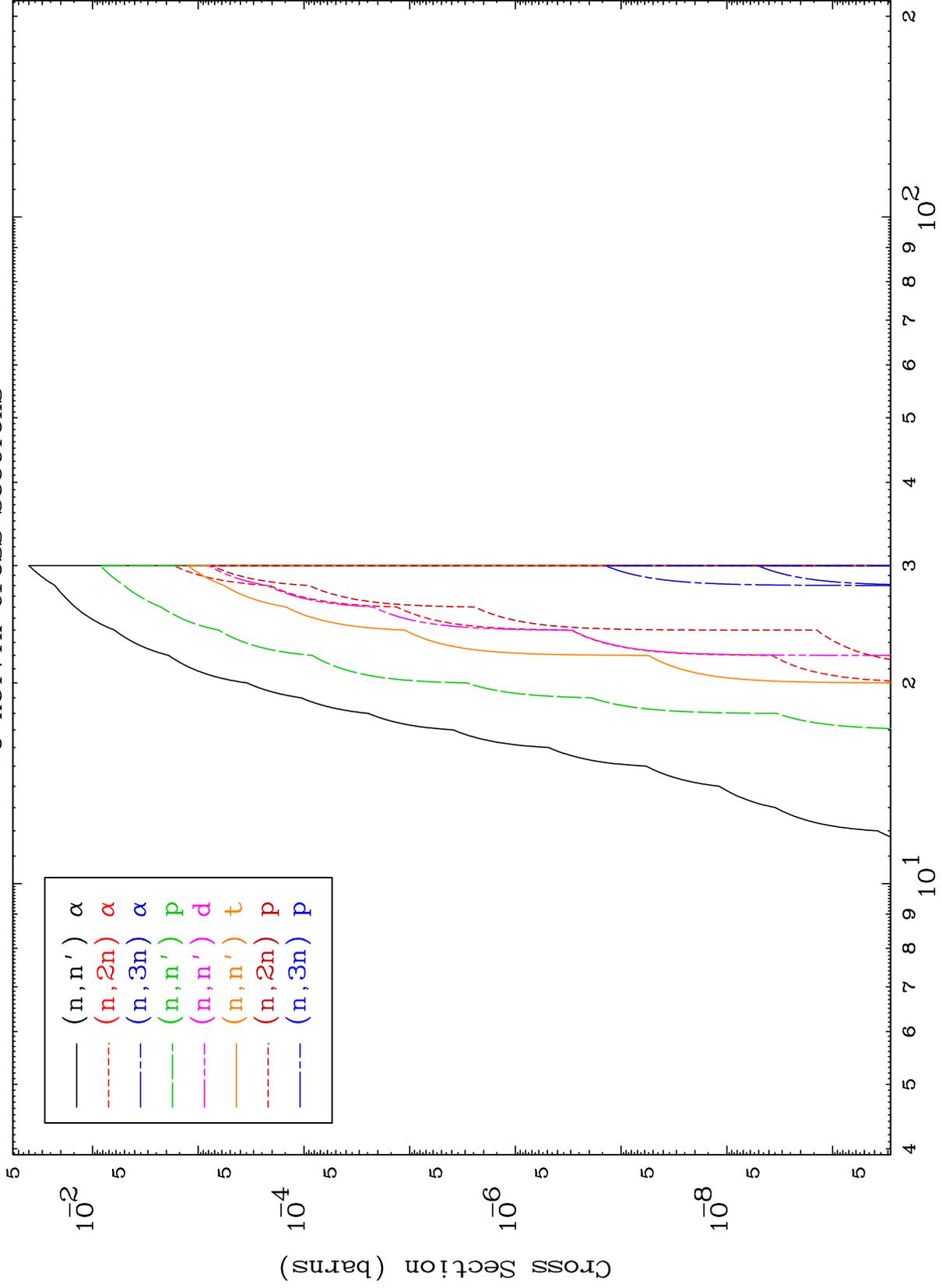


2

Incident Energy (MeV)

54-Xe-137

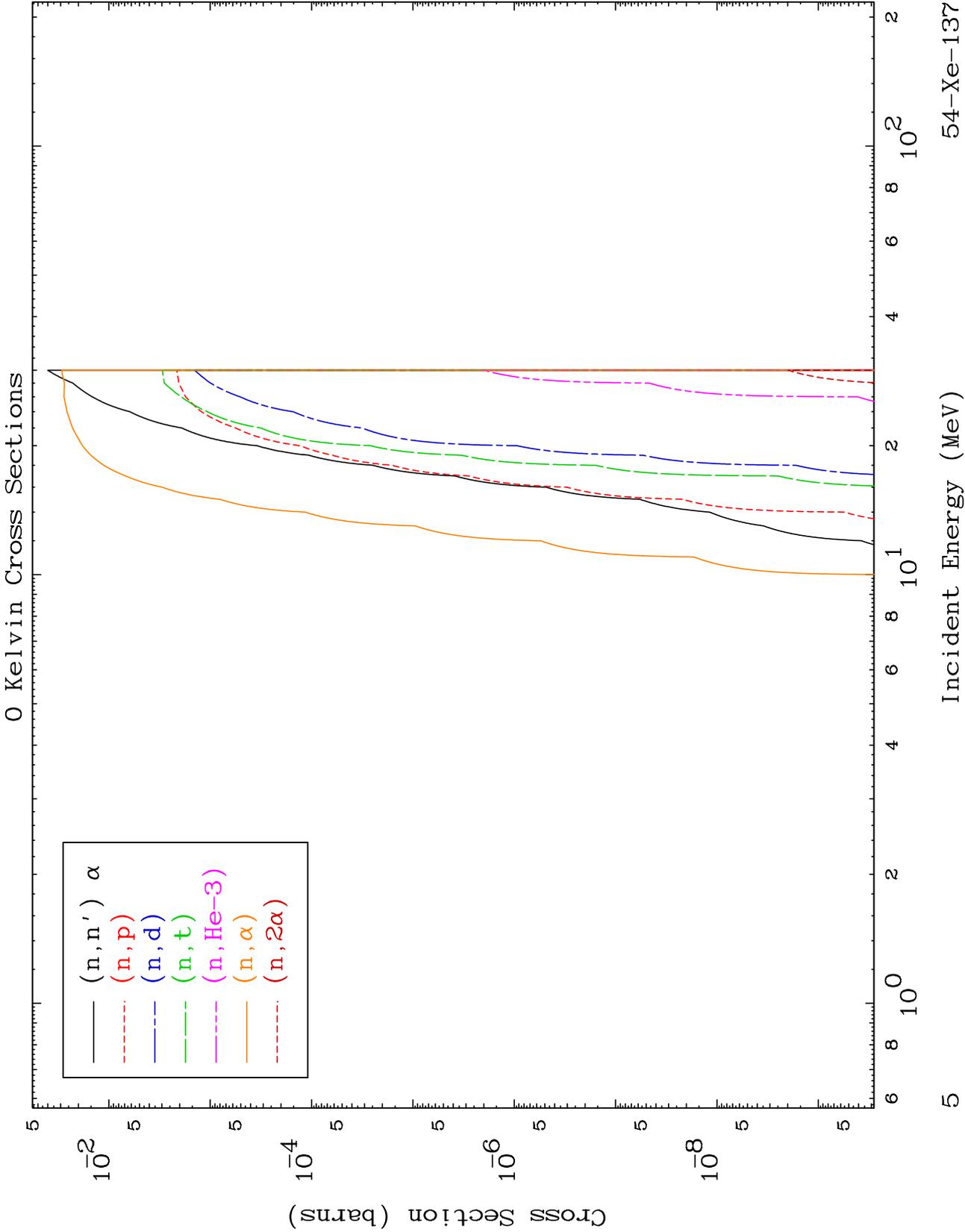




MAT 5464

α Charged Particle

54-Xe-137



5

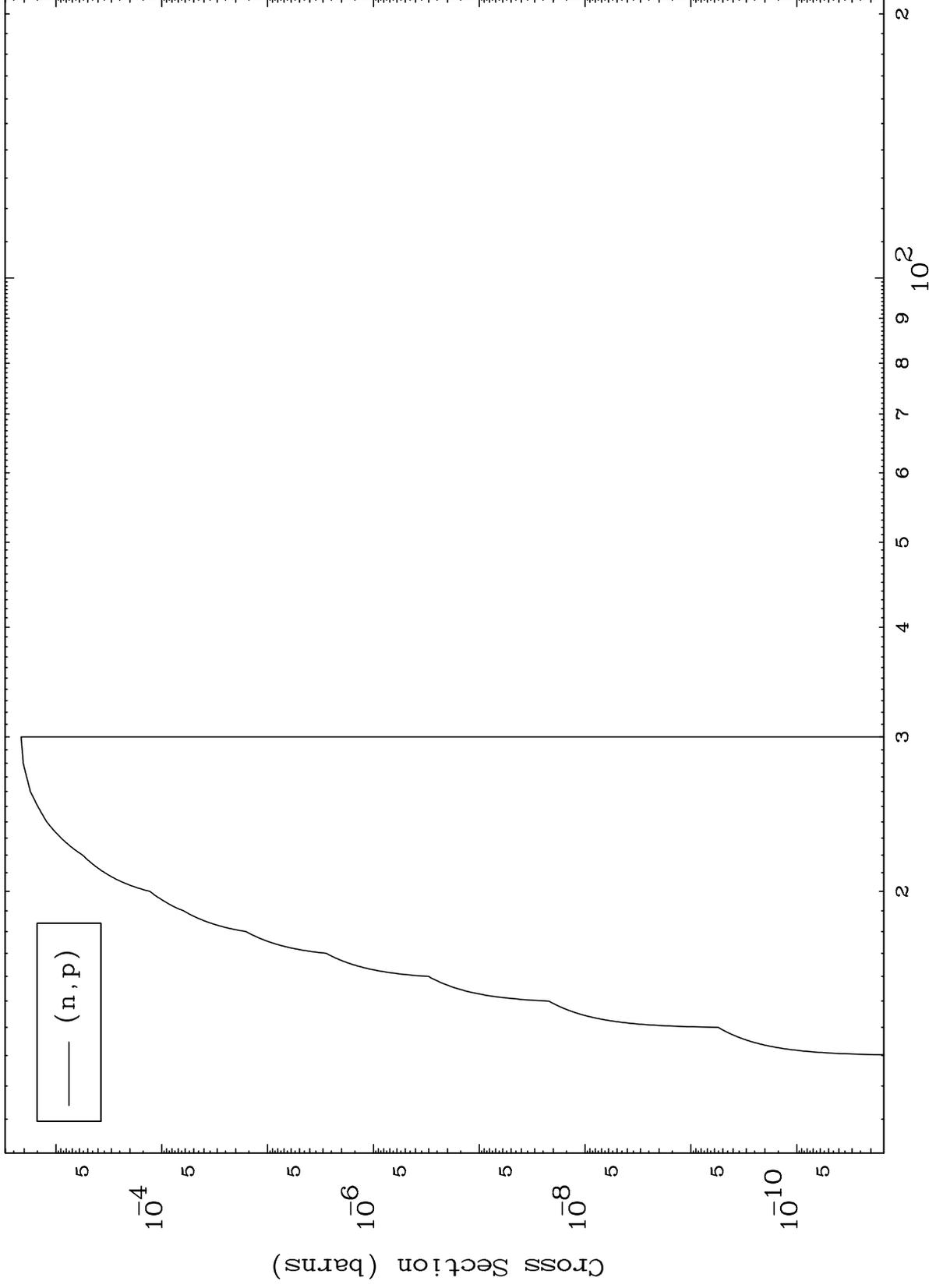
Incident Energy (MeV)

54-Xe-137

MAT 5464

(α, p) Levels
0 Kelvin Cross Sections

54-Xe-137



6

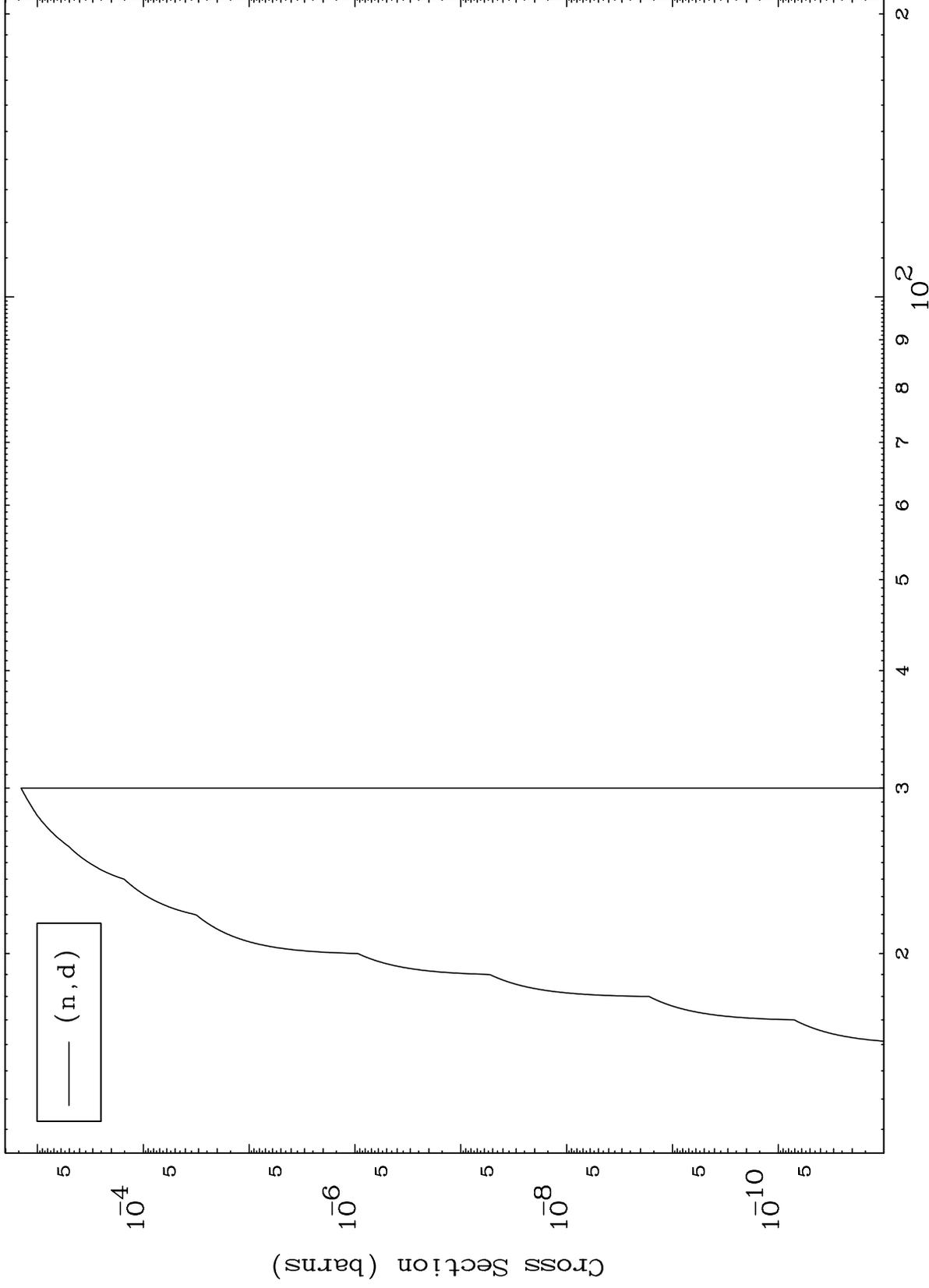
Incident Energy (MeV)

54-Xe-137

MAT 5464

(α, d) Levels
0 Kelvin Cross Sections

54-Xe-137



7

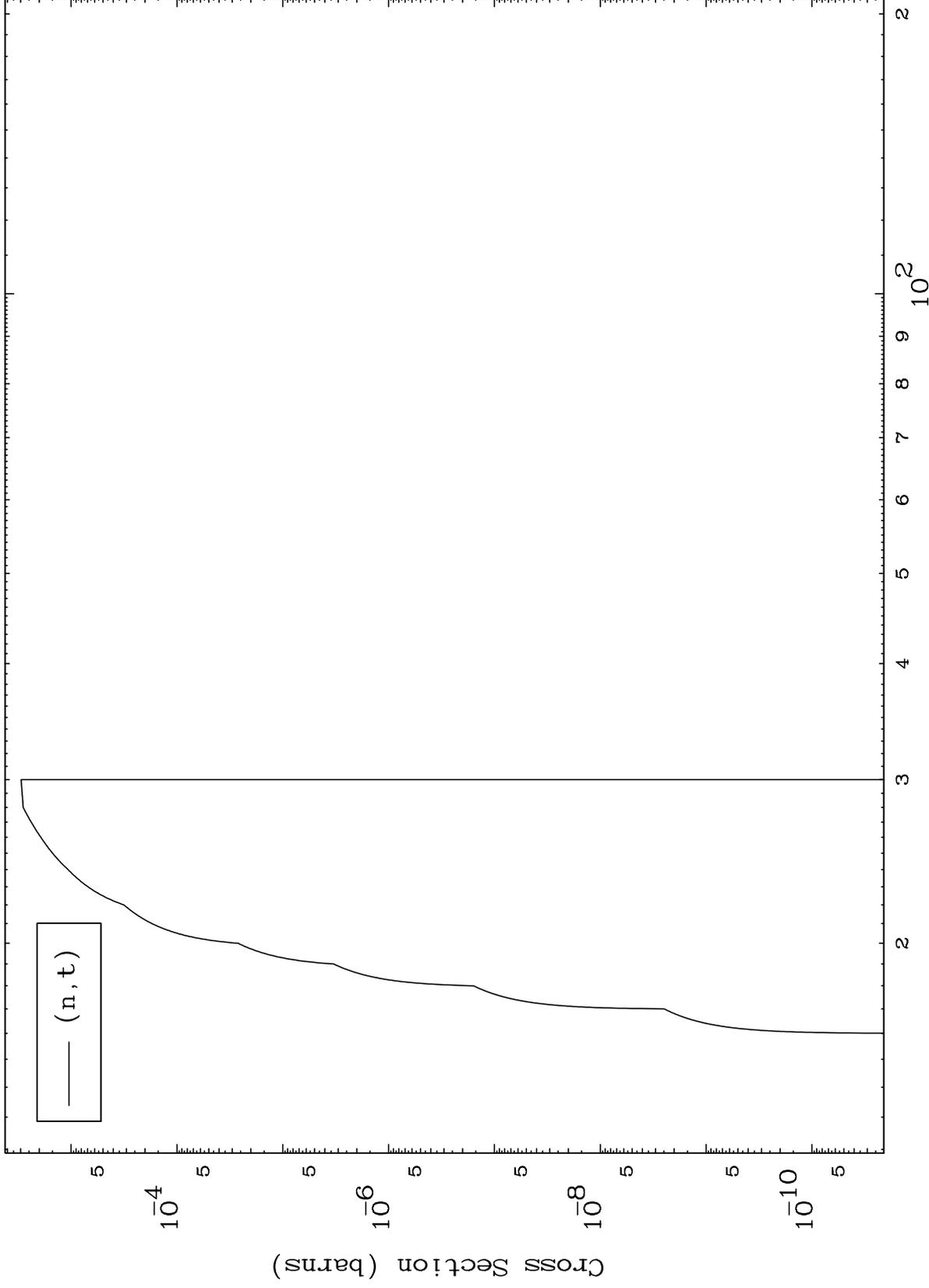
Incident Energy (MeV)

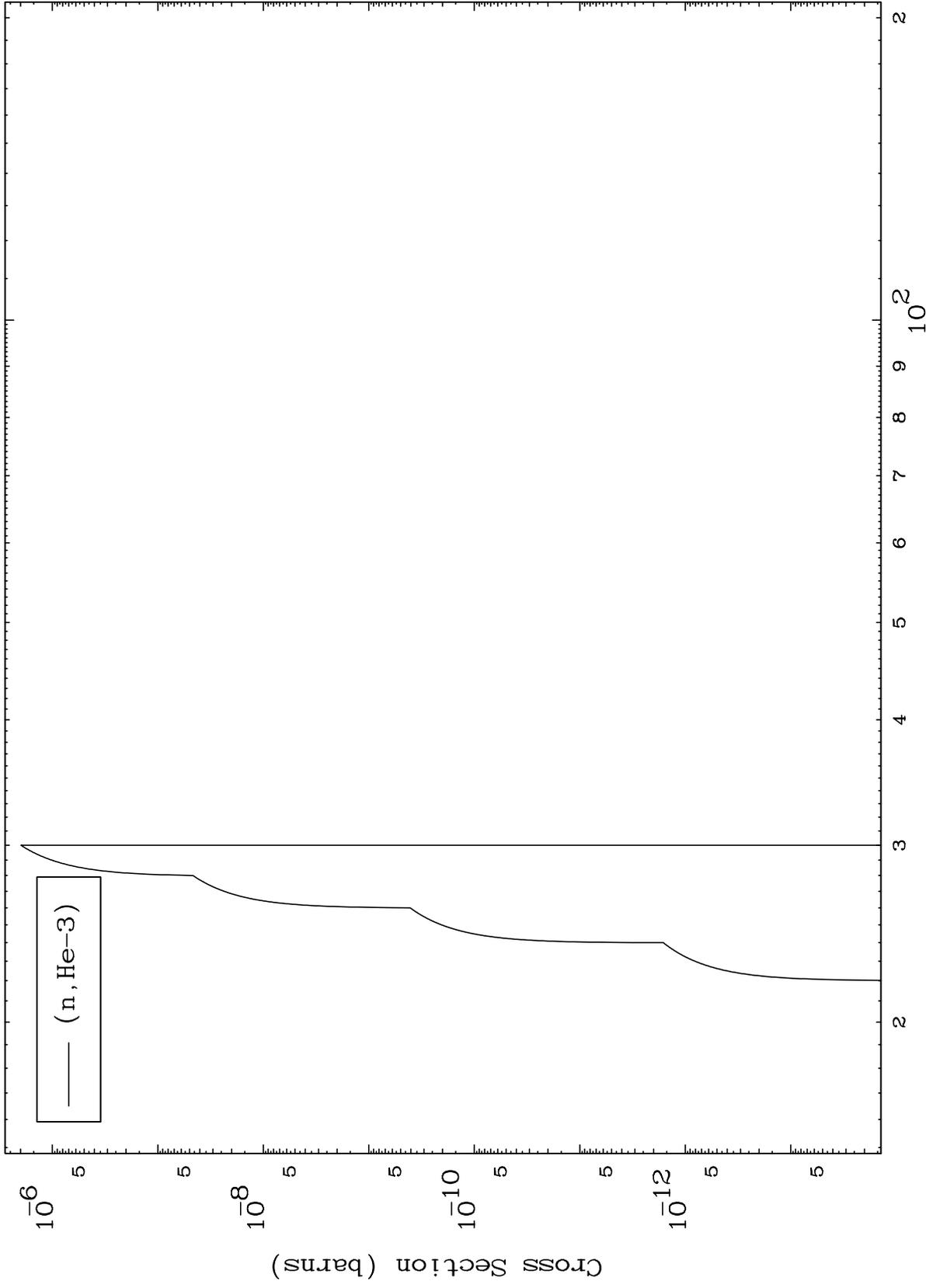
54-Xe-137

MAT 5464

(α, t) Levels
0 Kelvin Cross Sections

54-Xe-137



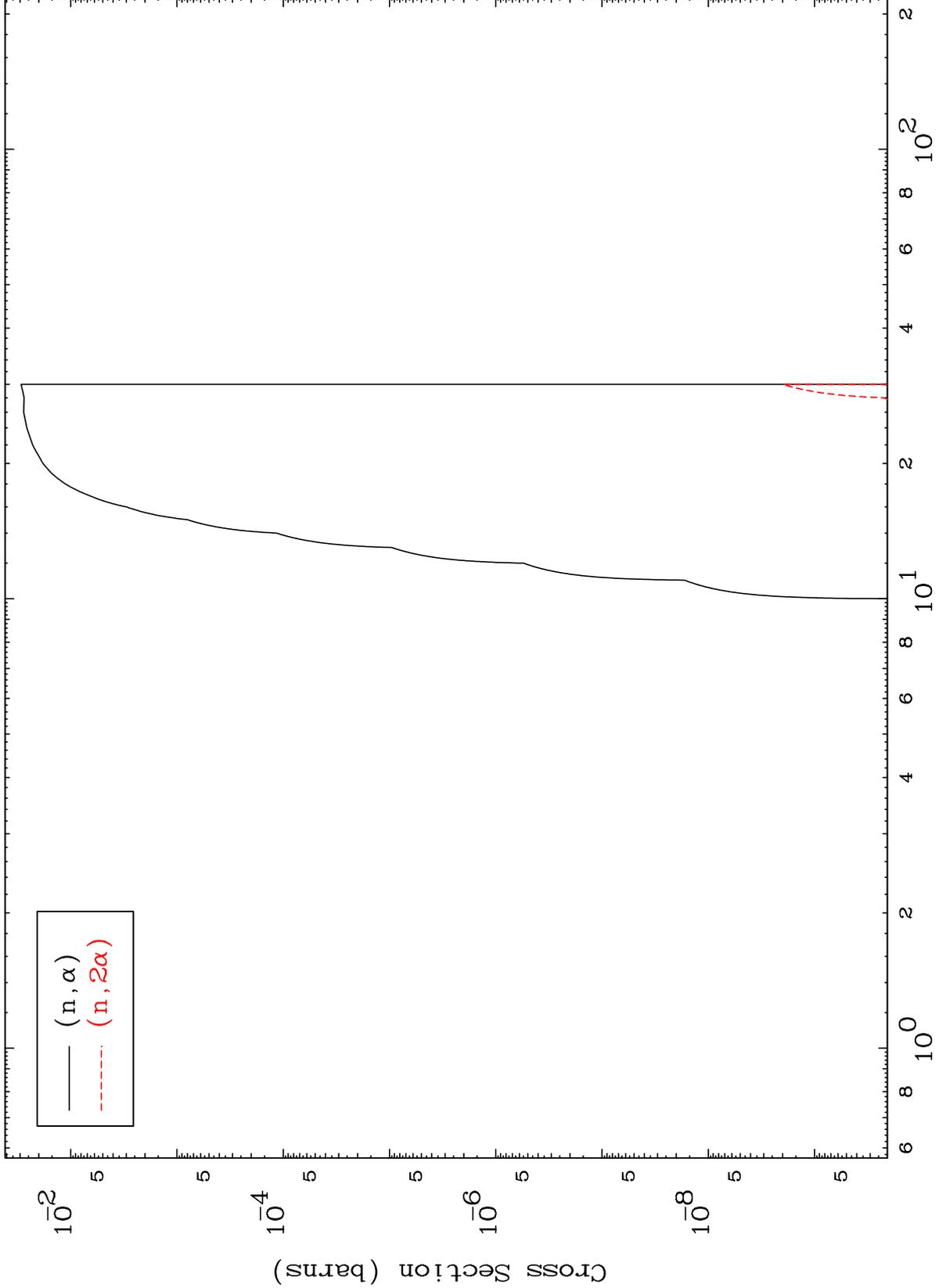


MAT 5464

(α, α) Levels

54-Xe-137

0 Kelvin Cross Sections



10

Incident Energy (MeV)

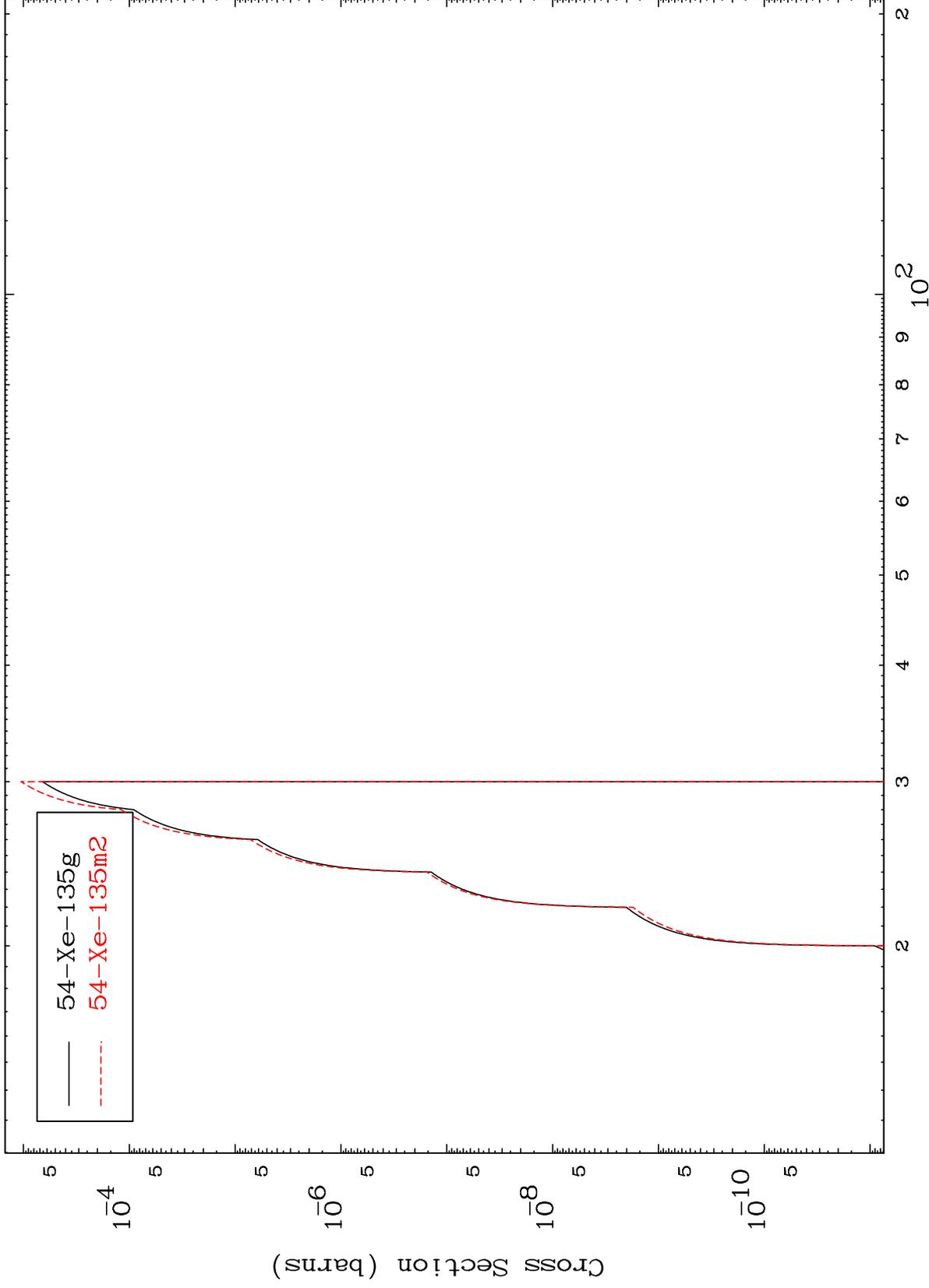
54-Xe-137

MAT 5464

(n,2n) α

54-Xe-137

Radionuclide Production Cross Section

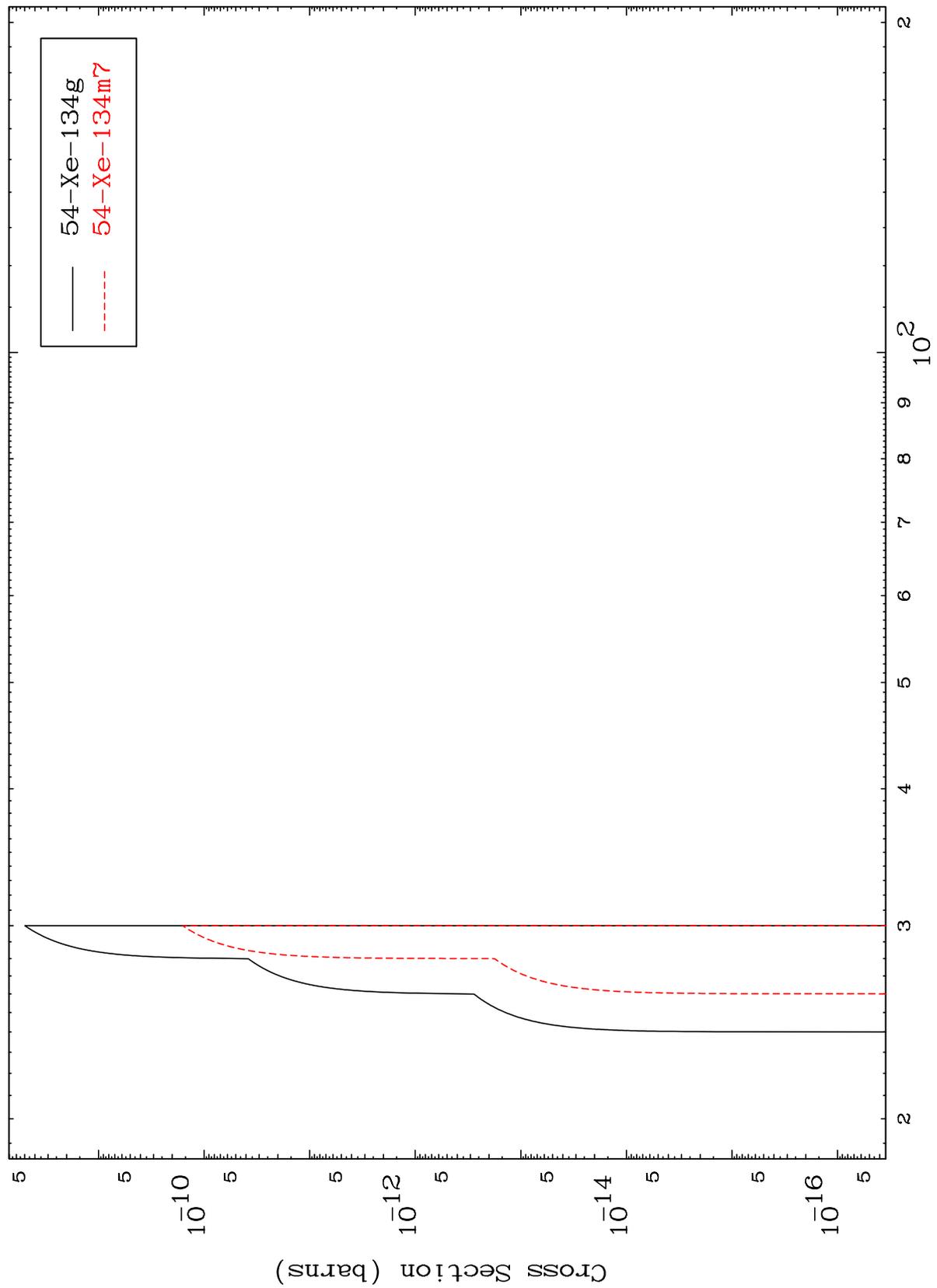


MAT 5464

(n,3n) α

54-Xe-137

Radionuclide Production Cross Section



12

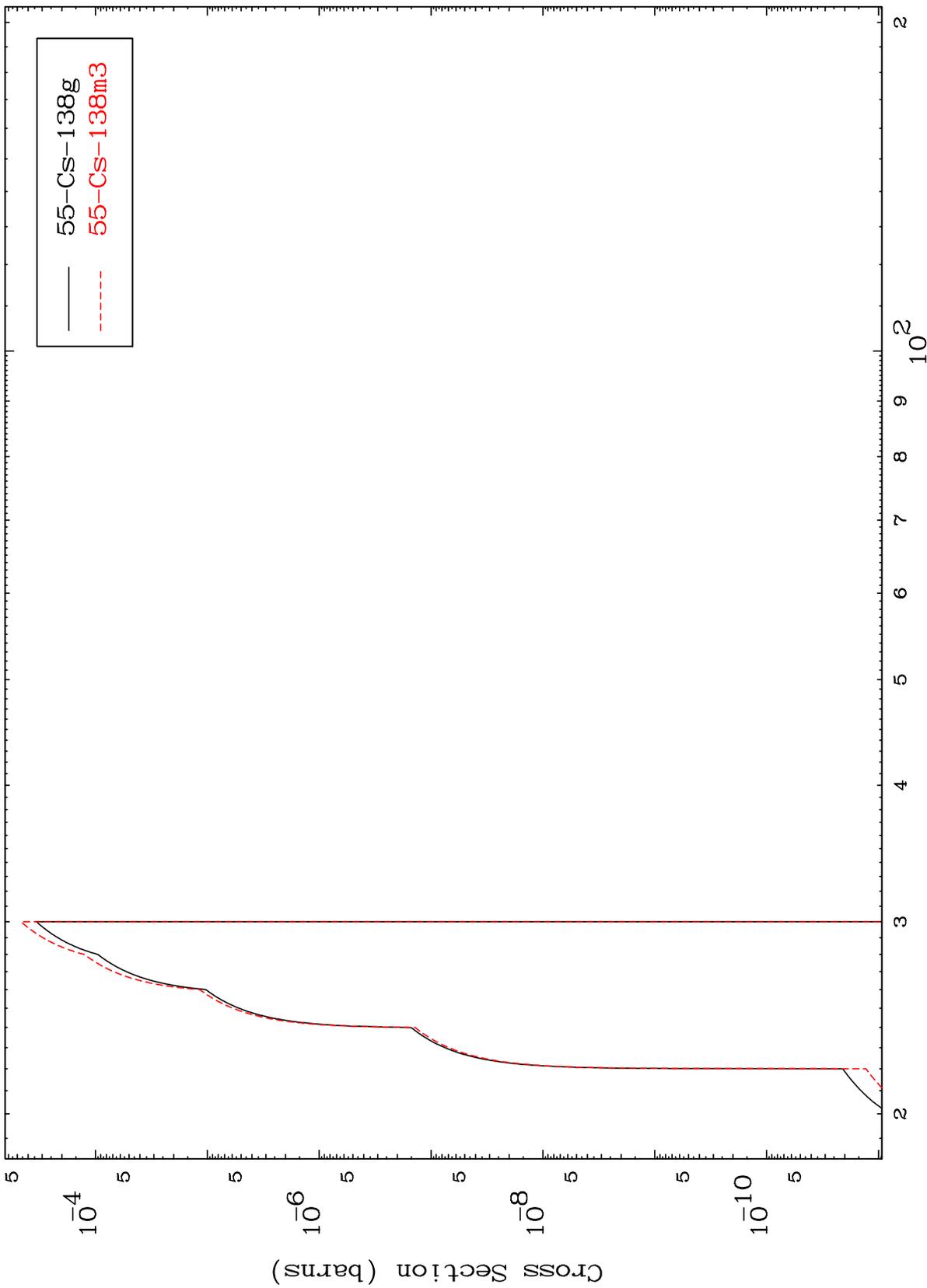
Incident Energy (MeV)

54-Xe-137

MAT 5464

54-Xe-137

(n,n') d
Radionuclide Production Cross Section



13

Incident Energy (MeV)

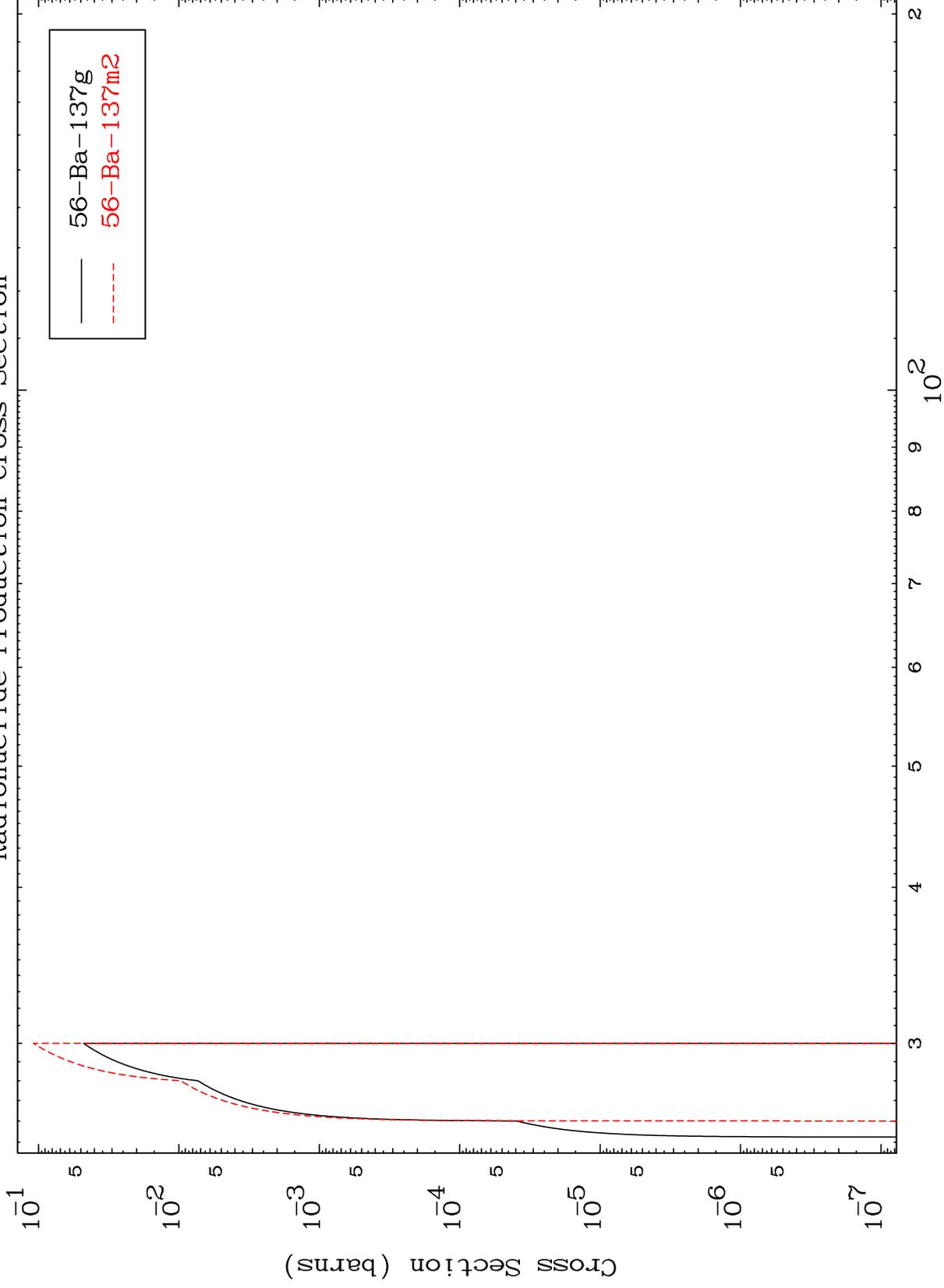
54-Xe-137

MAT 5464

(n,4n)

54-Xe-137

Radionuclide Production Cross Section



14

Incident Energy (MeV)

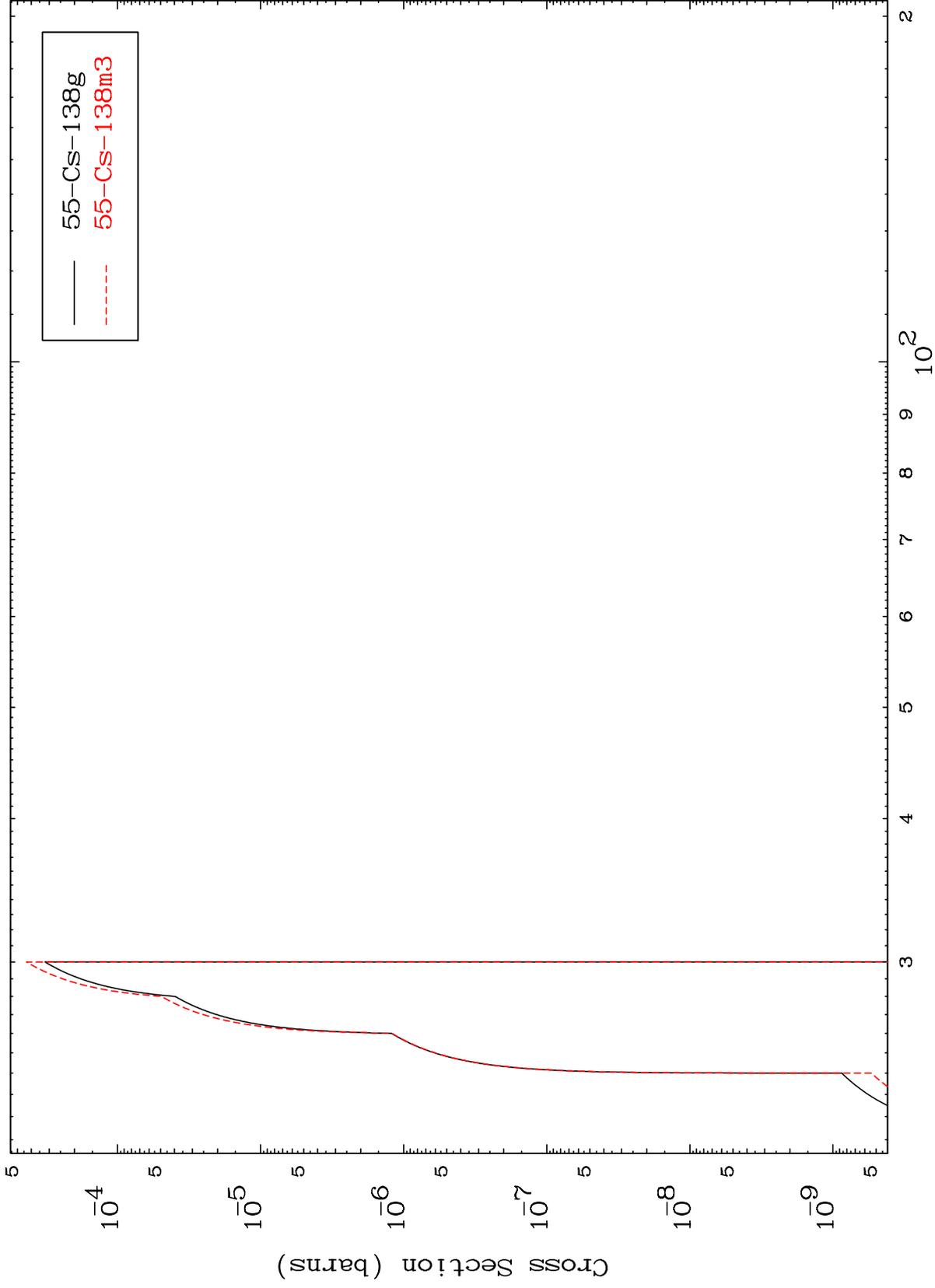
54-Xe-137

MAT 5464

(n,2n) p

54-Xe-137

Radionuclide Production Cross Section



15

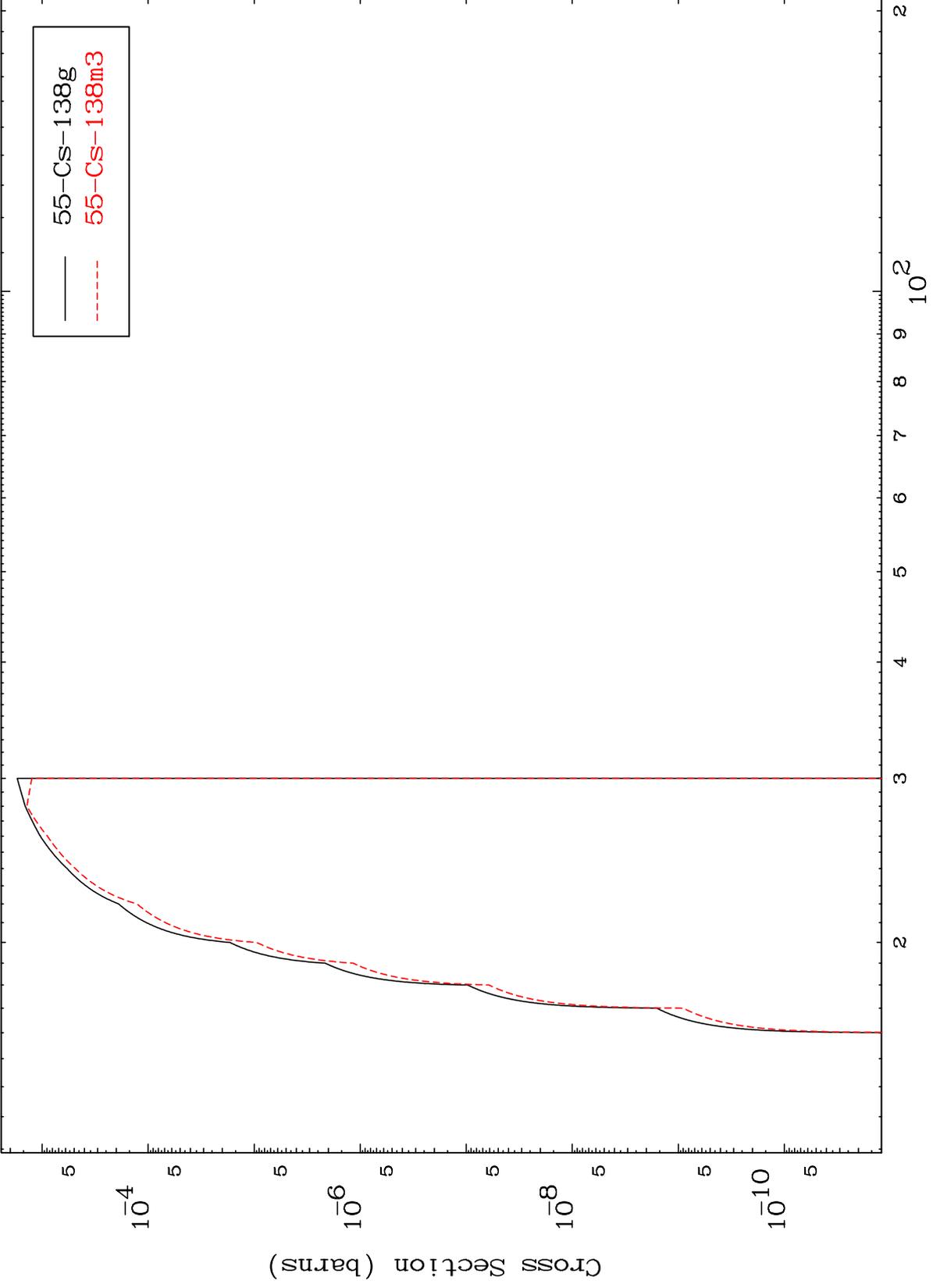
Incident Energy (MeV)

54-Xe-137

MAT 5464

54-Xe-137

(n,t)
Radionuclide Production Cross Section



16

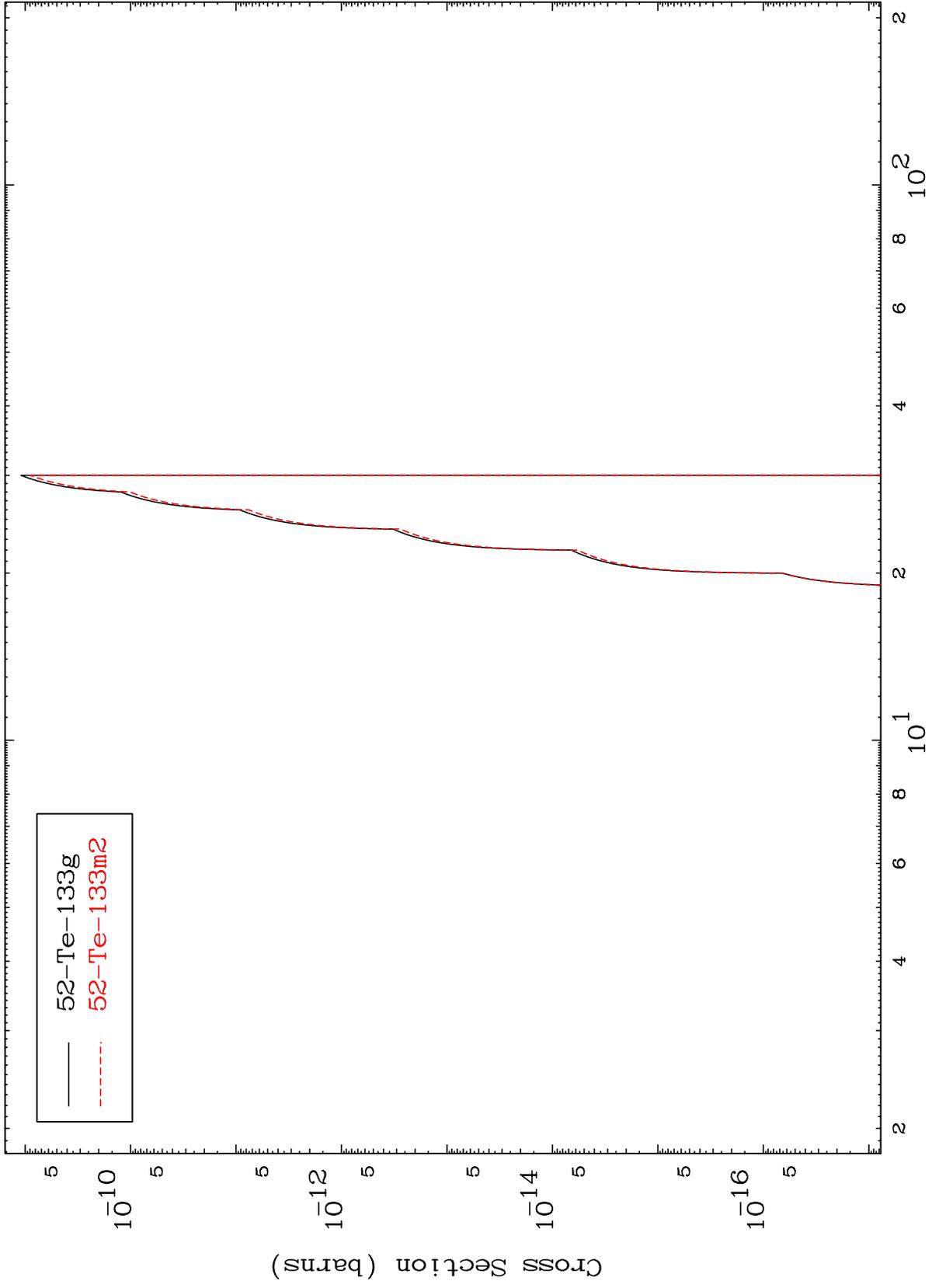
Incident Energy (MeV)

54-Xe-137

MAT 5464

54-Xe-137

(n,2α)
Radionuclide Production Cross Section



52-Te-133g
52-Te-133m2

54-Xe-137

Incident Energy (MeV)

17